# 2: The Controller App

The Controller App is critical in hosting an event. It communicates with all the buzzers and presents an easy-to-use interface to the host, allowing them to design and control the event.

IMPORTANT: The Controller App will not load unless the controller micro:bit (see above) is connected to the hosting device (be it desktop or laptop) via USB. Please ensure it is connected before trying to follow the guide below.

## 2.1: The Interface

The Controller App uses a tabbed interface. Most of the functions required to setup and run an event will be found on different pages.

Below follows a brief overview of all the tabs (and their functions) in the app.

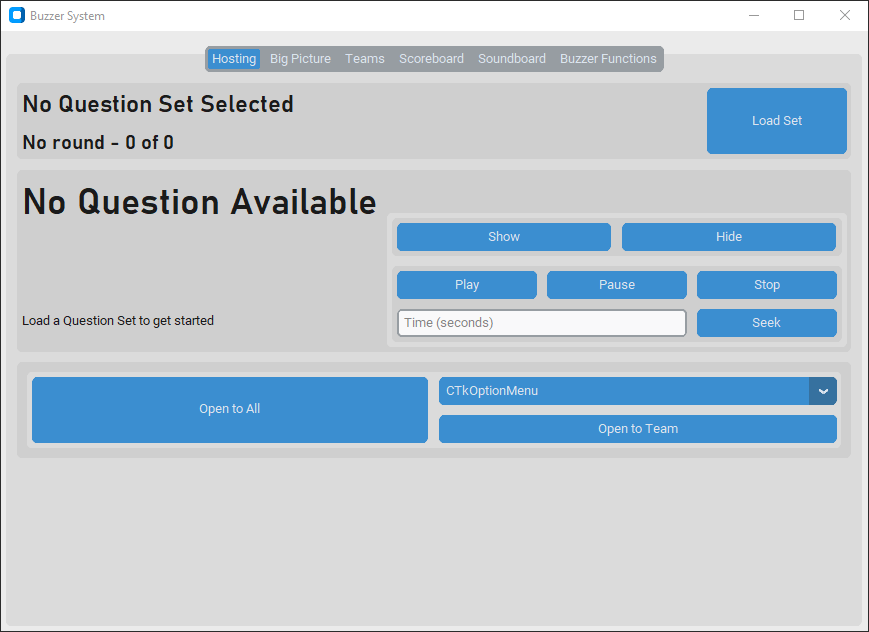
### Hosting Tab

The Hosting tab is the primary tab used to host an event.

It displays the current question (including the round, answers, notes, and aid control); the ‘Buzzer Control Frame’ (to allow the host to open, close, and lock the buzzers); and the ‘Load Set’ button (which is used to open a new question set).

The only hosting-related functions that cannot be accessed from within the Hosting tab are the live scoreboard, and soundboard.

Question Set Frame – displays the name of the current question set, and the current round. Also contains the button to load a question set.



Tab switching buttons.

Displays the current question, answer, and notes.

Question Aid Control – contains the controls for media (video, audio, or images) embed in questions.

Buzzer Control Frame – contains options to open, close or lock buzzers. The available buttons will change depending on the state of the buzzers (full guide in 2.4).

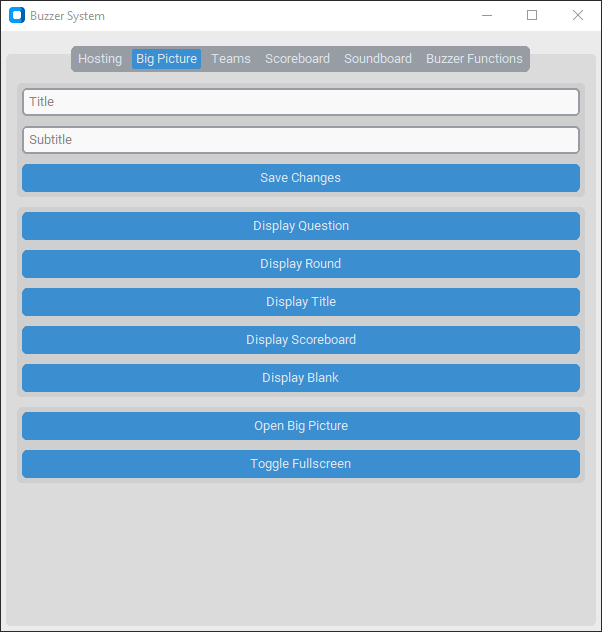
### Big Picture Configuration Tab

The Big Picture Display is the primary method of displaying the information about the game to the audience. It can be used to display a wide range of information (such as the current question, round, or live scoreboard).

This tab gives the host control over the Big Picture Display. It can be used to switch the page being displayed to the audience, as well as opening the display and setting it to be full screen.

This tab can also be used to set a title for the event, which is displayed to the audience in the ‘Title’ page.

For a full guide on using the Big Picture Display see section 2.3.



Set the title to display on the Big Picture (the button must be pressed for changes to take effect).

These buttons can be used to open and full screen the Big Picture display.

These buttons can be used to change the page that the Big Picture is displaying.

### Team Setup Tab

The Team Setup tab provides……….